ASOS MAINTENANCE NOTE 46 (for Electronics Technicians)
Engineering Division
W/OSO321:WDW

Uninterruptible Power Supply (UPS) Configuration Table.

GENERAL

This maintenance note provides a table for the proper configuration of SOLA, DELTEC 1, DELTEC 1 with unique firmware (see note 1), and DELTEC 2 UPS.

PROCEDURE

Refer to the table on the following page when changing the UPS hardware type. Refer to figure 1 to identify the differences between DELTEC 1 and DELTEC 2. Make the appropriate changes to the "DEFINE CONFIG" and "ACU SERIAL COMMS" page based on the UPS used in the ACU, DCP, or SCA.

NOTE 1: Several DELTEC 1's installed have a unique firmware version. This firmware is denoted by "SMI" added to the end of the model number located on the back of the unit. Units with model numbers ending with "SMI", may be configured as either SOLA or DELTEC depending upon the application.

NOTE 2: *Only* DELTEC 1 has 8 DIP switch settings on the back of the unit, refer to figure 1. In a normal installation all DIP switches should remain off unless a DELTEC 1-SMI is to be configured as a SOLA. When a DELTEC 1-SMI is configured as SOLA, DIP switch 7 must be turned on to change the baud rate and enable SOLA emulation. When any of the DIP switches are changed the unit must be powered down for a minimum of 30 seconds and power restored for the change to take effect.

NOTE 3: A DELTEC 1 without the -SMI cannot be used in one DCP of a multi-DCP installation if any of the other DCPs use either a SOLA or DELTEC 2 UPS. The DELTEC 1 without -SMI does not have the capability to emulate SOLA.

1. Verify the UPS used and refer to table 1 for the specific configuration.

2. At the operator interface device, log onto the system as TECH:

      a.   Define Configuration, **REVUE** - **SITE** - **CONFG** - **DEFIN**, to set up the ACU and DCP UPS configurations.

      b.   ACU Serial Communications, **REVUE** - **SITE** - **CONFG** - **COMMS**, to set up the UPS BAUD rate.

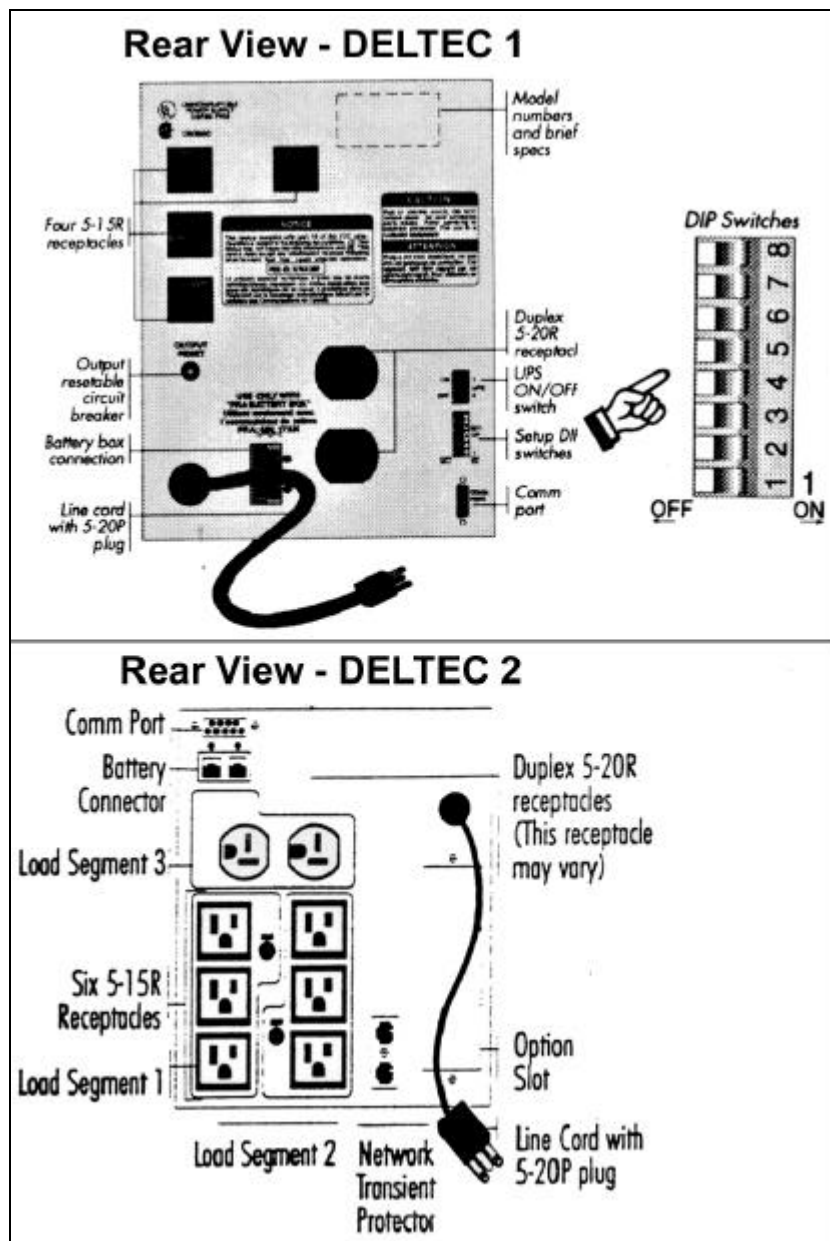| Acceptable UPS Configurations				
If you have a	with the following UPS	"DEFINE CONFIG" Page	"ACU COMMS" Page	DIP Switch 7 (see note 2)
ACU	SOLA	SOLA	9600	NA
ACU	DELTEC 1 (either)	DELTEC	1200	OFF
ACU	DELTEC 1-SMI	SOLA	9600	ON
ACU	DELTEC 2	SOLA	9600	NA
1 DCP	SOLA	SOLA	9600	NA
1 DCP	DELTEC 1 (either)	DELTEC	1200	OFF
1 DCP	DELTEC 1-SMI	SOLA	9600	ON
1 DCP	DELTEC 2	SOLA	9600	NA
multi-DCP *	all SOLA	SOLA	9600	NA
multi-DCP *	all DELTEC 1 (either)	DELTEC	1200	OFF
multi-DCP *	all DELTEC 2	SOLA	9600	NA
multi-DCP *	one SOLA, others DELTEC 1-SMI	SOLA	9600	ON
multi-DCP *	one SOLA, others DELTEC 2	SOLA	9600	NA
multi-DCP *	one DELTEC1-SMI, others DELTEC 2	SOLA	9600	ON
SCA	SOLA	SOLA	9600	NA
SCA	DELTEC 1 (either)	DELTEC	1200	OFF
SCA	DELTEC 1-SMI	SOLA	9600	ON
SCA	DELTEC 2	SOLA	9600	NA

 * see note 3

Figure 1 Rear Views of a DELTEC 1 and 2

EFFECT ON OTHER INSTRUCTIONS
None.

REPORT MAINTENANCE ACTION
None.

Original Signed

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